



DeTOMASO (1967-1988)

as prepared for SVRA Group 5,6,10 competition

The following cars are covered under these regulations:
1967-1971 DeTOMASO Mangusta (289cid)
1971-1988 DeTOMASO Pantera (351cid)

Make and Model Supplemental Regulations

Revision Date 11/10/2012

Background and philosophy:

Group Five cars must be prepared as they were during their competitive racing period (Pre 1973). Since racing technology progressed very rapidly during this period, there may be different specifications that are period correct.

Group Six classes generally follow the SCCA classes of 1972, with some adjustments for cars that were either not recognized by the SCCA or have specifications that significantly change their relative performance.

Group Ten cars must have been built or modified so as to compete in a recognized pre-2000 race series. Exceptions must have specific approval in advance of entry application. Some Makes and Models are listed in Group 7, Group 8 and Group 10 listings depending on the level and period of preparation.

Modifications:

As listed in the SVRA General Rules and Regulations, the Supplemental Rules for the make and model, the SVRA Tire Regulations and any period rules that are deemed appropriate

Relevant Documents:

- General Rules and Regulations
- SVRA Group Description and Class List
- SVRA Group Supplemental Regulations
- SVRA Tire Regulations

Notes:

These groups have tire restrictions listed in the SVRA Tire Regulations.

Engines:

.047" (1.2mm) maximum overbore allowed

289 CID Bore x stroke.....4.00" x 2.87"

351 CID Bore x stroke.....4.00" x 3.50"

Heads.....cast iron, (Hi-Po, GT-40, 351W & C)

Block material.....cast iron, 2 or 4-bolt

Carburation:

One Motorcraft, Holley 4V or equivalent

Official weight,

measured without fuel & driver, all tolerances included:

As Raced in period and Series.

Chassis:

Fiberglass coupe body on steel frame

Wheelbase:

Mangusta.....98.4"

Pantera.....99.0"

Wheels:

SCCA A/P.....8.5x15 front9.5x15 rear

FIA.....10x15 front.....14x15 rear

Suspension :

Per Production

Brakes:

11.7" Disk front 11.1" Disk rear

Transmissions:

ZF 5-speed, ratios free

SVRA approved options:

- Accusump or Barnes internal dry sump
- External dry sump
- Weber carbs and manifold
- Period lip spoiler (must be mounted completely below the hub centerline)
- Stock appearing aftermarket heads of correct material and plug location
- Roller type camshaft and roller rocker arms
- MSD type electronic ignition, must be triggered from distributor
- Removal of turn signals and parking lamps
- If no charging system, add 25# to official weight
- Period FIA Group 4/5 GT modifications as listed on the appropriate FIA Recognition Forms. (It is the owner's responsibility to obtain and supply a copy to the SVRA Technical Director.)

Items specifically not allowed by the SVRA:

- Remote reservoir shock absorbers

